

BORON-DOPED ISOTOPIC DIAMOND  
AND PROCESS FOR PRODUCING THE SAME

ABSTRACT OF THE DISCLOSURE

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A  $^{12}\text{C}$  or  $^{13}\text{C}$  isotopic diamond which is boron-doped and has an extremely high thermal conductivity, and a process for producing the same. The purity of the  $^{12}\text{C}$  or  $^{13}\text{C}$  isotope of said isotopic diamond is preferably at least  
10 99.5%.

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